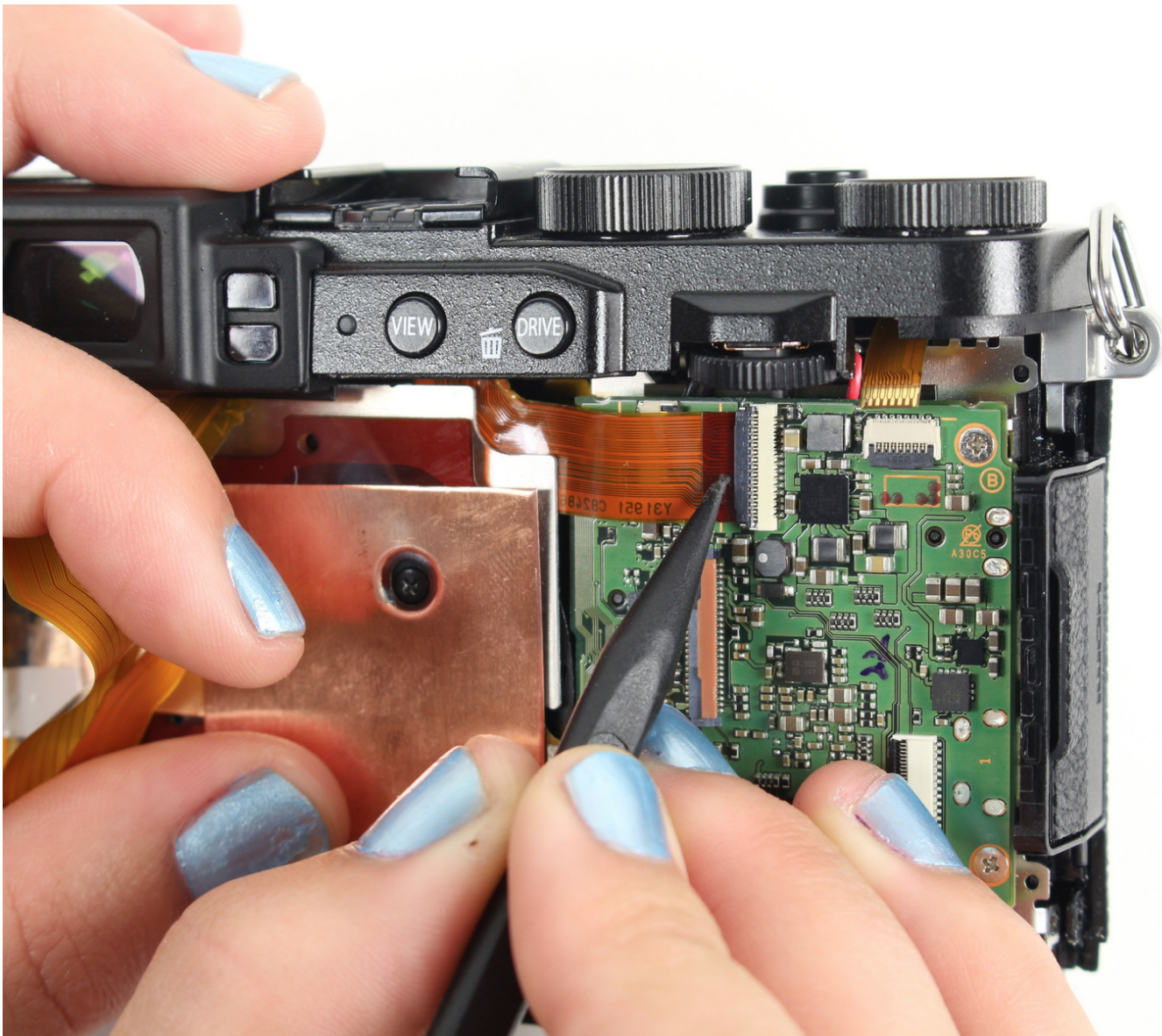




Fujifilm X30 Motherboard Replacement

To replace your camera's motherboard, follow the steps in this guide.

Written By: [Tori Baker](#)



INTRODUCTION

This guide introduces how to replace the motherboard in the Fujifilm X30 camera. Reasons for replacing the motherboard are outlined in the [troubleshooting guide](#). Removing the motherboard requires soldering. Learn more about soldering [here](#).



TOOLS:

- [Spudger](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [Soldering Station](#) (1)
-

Step 1 — Battery



- Turn the camera upside down.
- Place your thumb on the switch, and slide it towards the center of the camera.
- ⓘ The compartment will pop open.

Step 2



- Once you have the battery compartment open, slide the orange tab away from the battery until it ejects.

Step 3



- Pull the battery out.

Step 4 — Motherboard



- Begin by removing the outside screws using a Phillips #000 Screwdriver:
 - Remove the three 3.6 mm silver screws located on the bottom of the camera.
 - Remove all four of the 4.7 mm screws from the sides of the camera.

Step 5



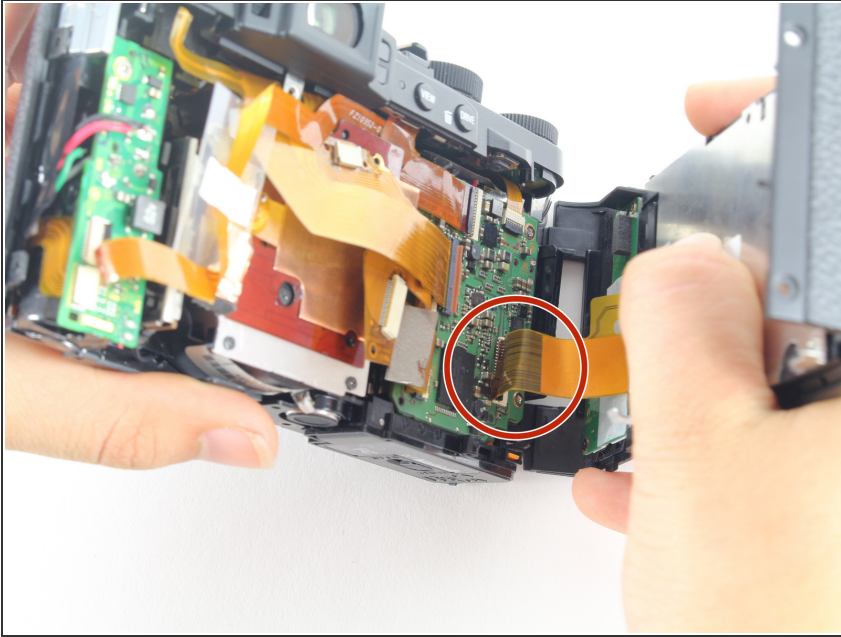
- Remove all screws below using a Phillips #000 Screwdriver:
 - Lift up the screen and remove the two 4.5 mm screws located in the bottom corners.
 - Remove the 4.0 mm screw that is located behind the screen and directly under the eye piece.

Step 6



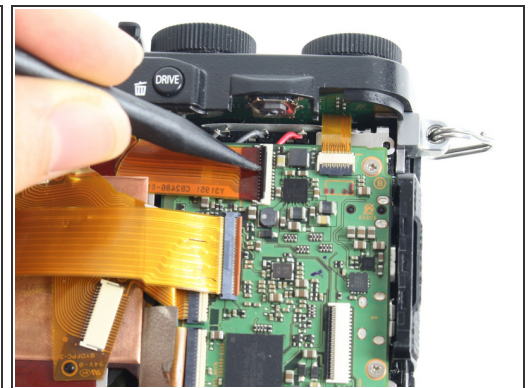
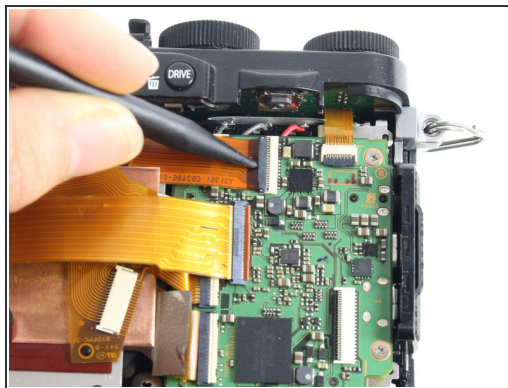
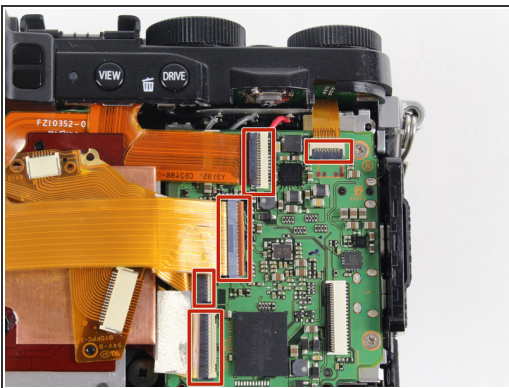
- Carefully lift up the bottom piece of the camera to remove it.

Step 7



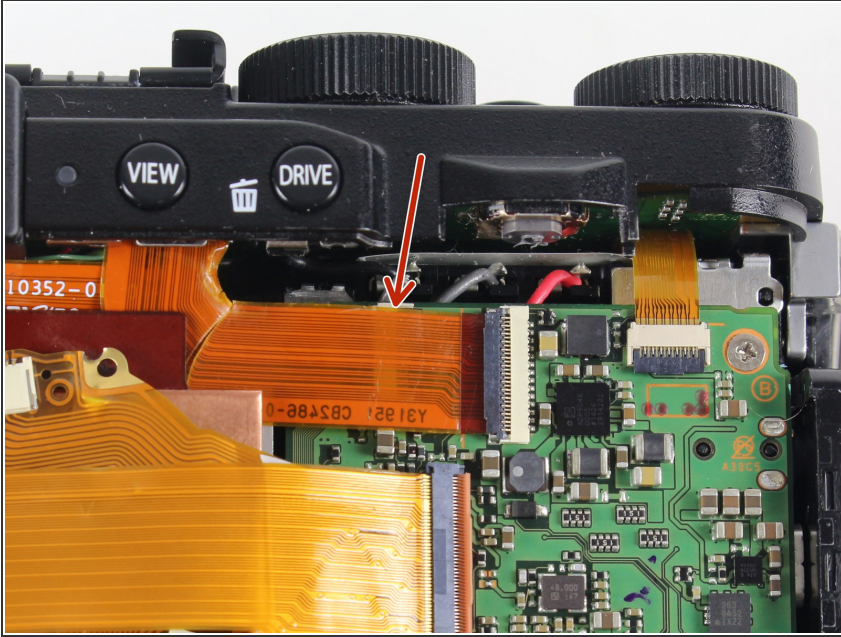
- ⚠ Do not pull hard when removing the backing because it could rip the orange strip attached to the motherboard.
- Gently pull off the back of the camera from the left side so that it is partially open.
- Use a spudger to lift up the tab holding the orange strip and slide the strip out to disconnect it
- ℹ Refer to the next step to see pictures of how to properly use the spudger when removing a strip.

Step 8



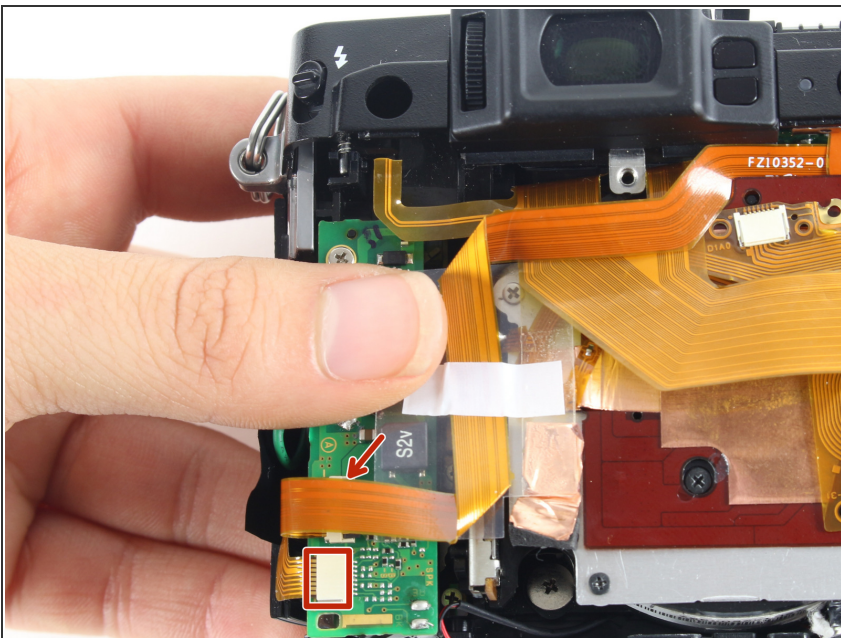
- For all five indicated orange strips:
 - Use a spudger to lift up the tab holding the orange strip and slide the strip out to disconnect it.

Step 9



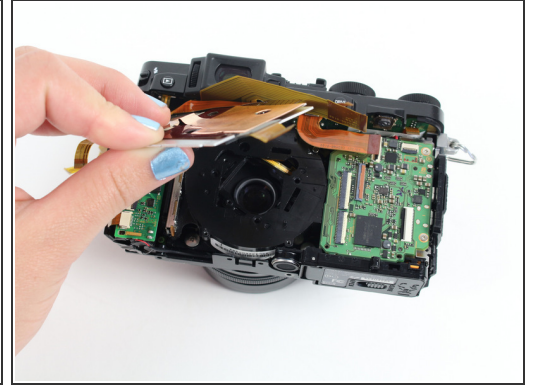
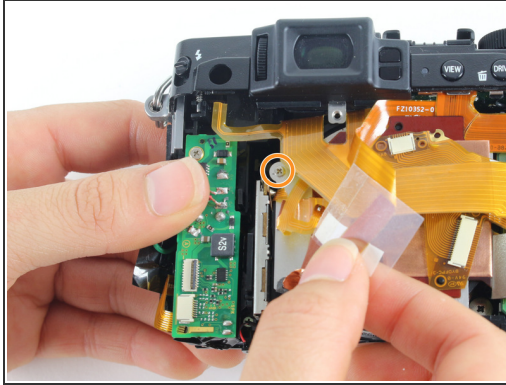
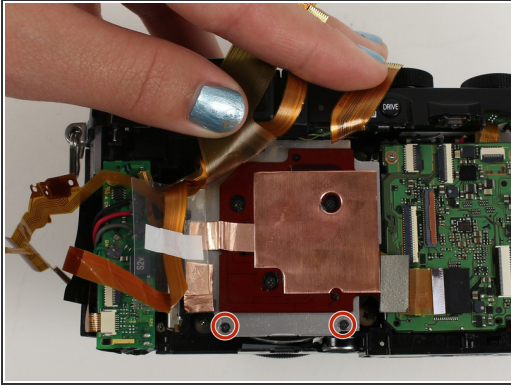
- For the last orange strip located behind the top strip:
 - Use a spudger to lift up the tab holding the orange strip and slide the strip out to disconnect it.

Step 10



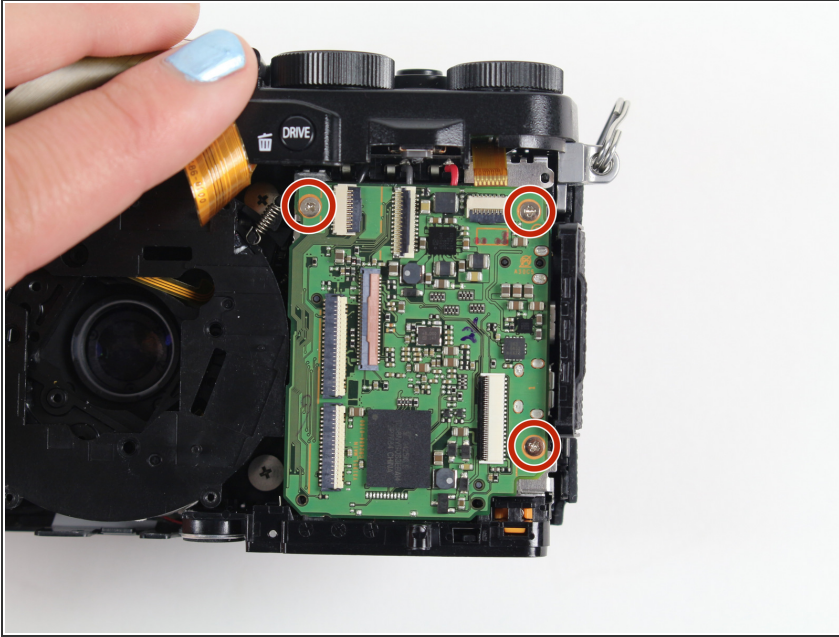
- ⓘ This step is required if you are doing a full disassembly, but can be skipped if you are only removing the motherboard.
- For the two orange strips attached to the capacitor circuitboard:
 - Use a spudger to lift up the tab holding the orange strip and slide the strip out to disconnect it.

Step 11



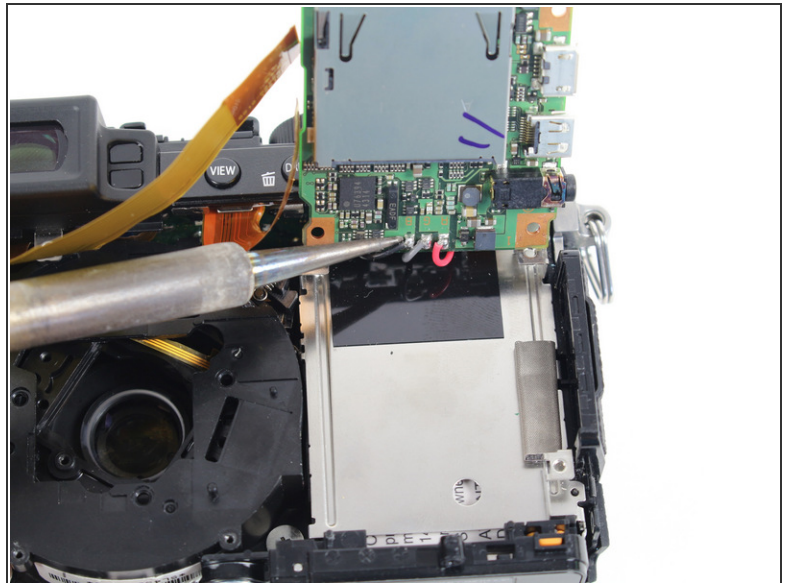
- Remove all screws listed below using a Phillips #000 screwdriver:
 - Remove the two 3.4 mm screws at the bottom of the silver plate.
 - Hold back the clear strip to reveal a 2.8 mm screw on the left of the silver plate and remove it.
- Peel back the copper plate.

Step 12




- Remove the three 2.6 mm screws located in the top two corners and the bottom right corner of the motherboard using a Phillips #000 screwdriver.

Step 13



- Tilt up the motherboard to locate the black, grey, and red wires.
- Desolder these wires in order to completely remove the motherboard.

 You can learn about soldering techniques [here](#).

To reassemble your device, follow these instructions in reverse order.

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